

# Dr. Duke's Phytochemical and Ethnobotanical Databases

## Chemicals found in *Alpinia officinarum*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
176	QUERCETIN	Rhizome				--
76	EUGENOL	Rhizome	90.0	400.0	-0.6979831170877149	--
75	KAEMPFEROL	Rhizome				--
67	1,8-CINEOLE	Rhizome				Chemical Constituents of Oriental Herbs (3 diff. books)
60	LIMONENE	Rhizome				Wealth of India.
53	LINALOOL	Rhizome				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
41	CAMPHOR	Rhizome				Wealth of India.
35	TANNIN	Rhizome				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
23	TERPINEN-4-OL	Rhizome				Wealth of India.
16	P-CYMENE	Rhizome				Wealth of India.
14	MANGANESE	Plant				--
13	BETA-PINENE	Rhizome				Wealth of India.
13	GALANGIN	Rhizome		1000.0		--
11	ISORHAMNETIN	Rhizome				Wealth of India.
9	DELTA-CADINENE	Rhizome				Wealth of India.
9	CAMPHENE	Rhizome				Wealth of India.
7	RHAMNOCITRIN	Rhizome				Wealth of India.
5	BETA-ELEMENE	Rhizome				Wealth of India.
5	KAEMPFERIDE	Rhizome	600.0	800.0		--
5	STARCH	Rhizome	200000.0	250000.0	-1.1706719629335678	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
5	METHYL-CINNAMATE	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
3	FLUORIDE	Rhizome		5.4	-1.0	--
2	METHYL-ISOVALERATE	Rhizome				Wealth of India.
2	QUERCETIN-3'-METHYLETHER	Rhizome				Wealth of India.
1	PHENYL-ALKYL-KETONES	Rhizome				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	7-(4'-HYDROXY-3'-METHOXYPHENYL)-PHENYLHEPT-4-EN-3-ONE	Rhizome				Chemical Constituents of Oriental Herbs (3 diff. books)
0	7-(4''-HYDROXY-3'-METHOXY-PHENYL)-PHENYLHEPT-3,5-DIONE	Rhizome		1.6		--
0	1,7-DIPHENYL-5-HYDROXY-3-HEPTANONE	Rhizome				Chemical Constituents of Oriental Herbs (3 diff. books)
0	GALANGOL	Rhizome				--
0	1,7-DIPHENYL-5-HYDROXYHEPTAN-3-ONE	Rhizome				--
0	7-(4'-HYDROXY-3'-METHOXYPHENYL)-1-PHENYLHEPT-4-EN-3-ONE	Rhizome		48.0		--
0	5-METHOXYPHENYL-7-(4''-HYDROXYPHENYL)-HEPTAN-3-ONE	Rhizome		4.0		--
0	GALANGIN-3-METHYL-ETHER	Rhizome				--
0	7-(4'-HYDROXY-3'-METHOXYPHENYL)-1-PHENYL-3,5-HEPTADIONE	Rhizome				--
0	5-METHOXY-7-(4'-HYDROXY-3''-METHOXYPHENYL)-1-PHENYLHEPTAN-3-ONE	Rhizome		12.0		--
0	7-HYDROXY-3,5-DIMETHOXYFLAVONE	Rhizome				Wealth of India.
0	5-EPIHEXAHYDROCURCUMIN	Rhizome		5.0		--
0	5-METHOXY-7-(4'-HYDROXY-3'METHOXYPHENYL)-1-PHENYL-3-HEPTA...	Plant				--
0	5-METHOXY-1,7-DIPHENYLHEPTAN-3-ONE	Rhizome		110.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	TRANS-ALPHA-BERGAMOTENE	Rhizome				Wealth of India.
0	5-HYDROXY-7-(4'-HYDROXY-3'-METHOXYPHENYL)-1-PHENYL-HEPTANONE	Plant				--
0	5-HYDROXY-7-(4''-HYDROXYPHENYL)-1-PHENYLHEPTAN-3-ONE	Rhizome		30.0		--
0	EO	Rhizome	3000.0	10000.0	-0.5317116167359565	--
0	GINGEROLS	Rhizome				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	5-HYDROXY-7-(4'-HYDROXYPHENYL)1-PHENYL-3-HEPTANONE	Rhizome				Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of Glycyrrhiza-glabra. Nippon Gogeikagaku Kaishi 61(9): 1119-1122.
0	5-HYDROXY-7-(4''-HYDROXY-3''-METHOXYPHENYL)-1-PHENYLHEPTAN-3-ONE	Rhizome		367.0		--
0	STEROLS	Rhizome				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	DIOXYFLAVONAL	Plant				--
0	GAMMA-CADINENE	Rhizome				Wealth of India.
0	5-HYDROXY-7-(4'-HYDROXY-3'-METHOXYPHENYL)-PHENYL-3-HEPTANONE	Plant				--
0	5-HYDROXY-1-PHENYL-7-(4''-HYDROXY-3''-METHOXYPHENYL)-HEPTAN-3-ONE	Rhizome		330.0		--
0	DIHYDROYASHABUSHIKETOL	Rhizome				Chemical Constituents of Oriental Herbs (3 diff. books)
0	DIARYLHEPTANOIDS	Rhizome				--
0	5-HYDROXY-7-(4'-HYDROXY-3'-METHOXYPHENYL)-1-PHENYL-3-HEPT...	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	5-HYDROXY-1,7-DIPHENYLHEPTAN-3-ONE	Rhizome		137.0		--
0	D-ALPHA-PINENE	Rhizome				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	5-EPIDIHYDROYASHABUSHI KETOL	Rhizome		65.0		--
0	3,5,7-TRIHYDROXYFLAVONE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	1-PHENYL-7-(4"-HYDROXYPHENYL)-HEPT-4-EN-3-ONE	Rhizome		8.0		--
0	ALPINOL	Rhizome				--
0	YAKUCHINONE	Rhizome				--
0	LINALOL	Rhizome				--
0	1-PHENYL-7-(4'-HYDROXY-3'-METHOXYPHENYL)-HEPTAN-3-ONE	Rhizome				--
0	ALPHA-CADINENE	Rhizome				Chemical Constituents of Oriental Herbs (3 diff. books)
0	IZALPIN	Rhizome				--
0	1,7-DIPHENYLHEPT-4-EN-3-ONE	Rhizome				--
0	KAEMPFERID	Rhizome	600.0	800.0		--
0	1-(4-HYDROXYPHENYL)-7-PHENYLHEPTANE-3,5-DIOL	Rhizome		10.0		--